

**Middle School Initiative**

**PART I  
COVER SHEET**

**CAP 3 SEMESTER 1 WEEK 2**

**COURSE:** General Doolittle Aerospace Education, Achievement 6

**LESSON TITLE:** Space

**LENGTH OF LESSON:** 50 Minutes

**METHOD:** Lecture - Performance

**REFERENCE(S):**

1. *Aerospace Dimensions*, Module 5, Chapter 1, 2000
2. Study Guide, 2000
3. Leader Guide, 2000
4. Resource Guide, 2000

**AUDIO/VISUAL AIDS/HANDOUTS/ACTIVITY MATERIAL(S):** As Needed

**COGNITIVE OBJECTIVE:** To learn the characteristics of space.

**COGNITIVE SAMPLES OF BEHAVIOR:** Upon completion of this chapter, the cadet should be able to:

1. Describe microgravity.
2. Identify characteristics of space.
3. Describe what makes up the universe.
4. Define constellation.
5. Define galaxy.
6. Describe a nebulae.
7. Define interplanetary and interstellar space.

**AFFECTIVE OBJECTIVE:** N/A

**AFFECTIVE SAMPLES OF BEHAVIOR:** N/A

**Middle School Initiative****PART II  
TEACHING PLAN****Introduction**

**ATTENTION:** Today, you will begin your Aerospace Education studies in Module 5. We will start with *Aerospace Dimensions*, Module 5, Chapter 1 - Space.

**MOTIVATION:** Space. What is space? What occupies space? How large is space? These are some of the questions that will be studied in this chapter.

**OVERVIEW:** During this period, your aerospace studies will be Space.

**Body**

**NOTE:** The instructor should use the lesson plan in the Leader Guide, Pages 28-31. For today's lesson, the cadets should use the Study Guide, Pages 24-25. A materials list is located in the Resource Guide, Page 52-53.

**Conclusion**

**SUMMARY:** We have studied the material in *Aerospace Dimensions*, Module 5, Chapter 1.

**REMOTIVATION:** Now you understand some of the heavenly bodies that occupy space.

**CLOSURE:** Next week, we will continue our AE studies with Module 5, Chapter 2 - Solar System. **Any questions? See you next week!**

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**PART III  
LESSON REVIEW**

**LESSON OBJECTIVE(S):** Today, we learned how to:

1. Describe microgravity.
2. Identify characteristics of space.
3. Describe what makes up the universe.
4. Define constellation.
5. Define galaxy.
6. Describe a nebulae.
7. Define interplanetary and interstellar space.

**LESSON QUESTIONS:** Contained in *Aerospace Dimensions*, Module 5, Chapter 1.